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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Andrew Scharenberg  
Serial No.: 09/869,486  
Confirmation No: 4102  
Int'l App. Filed: December 20, 1999  
Filed: June 29, 2001 (entered National Phase under 35 U.S.C. 371)  
For: CHARACTERIZATION OF THE SOC/CRAC CALCIUM  
CHANNEL PROTEIN FAMILY  
Examiner: Olga N. Chernyshev  
Art Unit: 1646

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 28<sup>th</sup> day of July, 2004.

  
Melissa L. Barlow Lyons

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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

Sir:

In response to the Office Action mailed March 29, 2004, please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this amendment.

**Amendments to the Claims** are reflected in the listing of claims that begins on page 4 of this amendment.

**Remarks** begin on page 7 of this amendment.